

In The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 1-15. Cancelled.
- 1 16. (Currently Amended) A disc gang assembly configured for attachment to a
2 mainframe of a seedbed preparation implement that is configured to be pulled in a draft
3 direction via ground engaging wheels directly connected to said mainframe, said disc gang
4 assembly comprising:
 - 5 (A) a frame which is configured to be connectable to the mainframe and that
6 comprises a main beam which is mountable on the mainframe and a disc
7 support beam which is located in front of said main beam and which is
8 connected to said main beam by a plurality of support arms; and
 - 9 (B) a disc gang comprising a plurality of ground engaging rotary discs which
10 are supported on said support beam and which are configured to rotate
11 about an axis that extends at a gang angle relative to a perpendicular to said
12 draft direction, wherein said frame includes hardware configured to connect
13 said frame relative to the implement mainframe so as to permit said frame
14 be movable relative to the mainframe so as to permit said gang angle to be
15 infinitely adjusted through a range of at least 3° via an actuator extending
16 wholly between said main beam and said mainframe,
17 wherein the disc gang is disposed forward of said mainframe with respect to said draft
18 direction.
- 1 17. (Original) The disc gang assembly as recited in claim 16, wherein said range
2 extends from about 5° to about 10°.

1 18. (Original) The disc gang assembly as recited in claim 16, wherein said frame is
2 pivotably mountable on the mainframe adjacent a first end of said frame and is mountable
3 on a slotted support of the mainframe at a location remote from said first end so as to
4 permit a pin depending from said frame to slide along a slot in said slotted support for disc
5 gang angle adjustment.

1 19. (Canceled).

1 20. (Previously Presented) The disc gang assembly as recited in claim 16, wherein said
2 support arms are pivotable to raise and lower said disc support beam relative to said main
3 beam and, thereby, adjust a cutting depth of said discs.

1 21. (Original) The disc gang assembly as recited in claim 16, further comprising an
2 actuator that is coupled to said disc gang, that is configured to be coupled to the frame, and
3 that is operable to move said disc gang relative to the mainframe to effect gang angle
4 adjustment.

1 22-28. (Canceled).

1 29. (Currently Amended) A disc gang assembly configured for attachment to a
2 mainframe of a seedbed preparation implement that is configured to be pulled in a draft
3 direction, said disc gang assembly comprising:

4 (A) a frame connected to the mainframe and that comprises 1) a main beam
5 which is mountable on the mainframe and angularly offset with respect to said draft
6 direction, and 2) a disc support beam which is located in front of said main beam and
7 which is directly connected to said main beam by at least one support arm; and

8 (B) a disc gang comprising a plurality of ground engaging rotary discs which
9 are supported on said support beam and which are configured to rotate about an axis that
10 extends at a gang angle relative to a perpendicular to said draft direction, wherein said
11 discs are directly connected to said disc support beam and connected to said main beam via
12 said at least one support arm, wherein said frame includes hardware configured to connect
13 said frame relative to the implement mainframe so as to permit said frame be movable

14 relative to the mainframe so as to permit said gang angle to be infinitely adjusted through a
15 range of at least 3°,

16 wherein the disc gang is disposed forward of said mainframe with respect to said draft
17 direction.

1 30. (Previously Presented) The disc gang as recited in claim 29, wherein said
2 mainframe is directly supported by ground-engaging wheels.

1 31. (Previously Presented) The disc gang as recited in claim 29, wherein said
2 mainframe is connected between a front disc harrow and a rear disc harrow, the front disc
3 harrow comprising the disc gang.

1 32. (Previously Presented) The disc gang as recited in claim 16, wherein said
2 mainframe is connected between a front disc harrow and a rear disc harrow, the front disc
3 harrow comprising the disc gang.

1 33. Cancelled.

1 34. (Currently Amended) A disc gang assembly configured for attachment to a
2 mainframe of a seedbed preparation implement that is configured to be pulled in a draft
3 direction, said disc gang assembly comprising:

4 a pair of adjacent disc gangs supported on a corresponding pair of frames, each disc
5 gang carrying ground engaging rotary discs which are configured to rotate about an axis
6 that extends at a gang angle relative to a perpendicular to said draft direction, wherein each
7 disc gang is pivotally connected to the implement mainframe at a location adjacent the
8 other disc gang so as to permit said gang angle of each disc gang to be infinitely adjusted
9 through a range of at least 3° while maintaining substantial linear alignment with the other
10 disc gang, wherein each disc gang is disposed forward of said mainframe with respect to
11 said draft direction.